

### **SCIENCE TRIPLE AWARD.**

**Biology, Chemistry and Physics (GCSE).**

#### **What qualification does this course lead to?**

The Triple Award Science will give students individual grades in Biology, Chemistry and Physics GCSE's.

You will be able to take A levels in Biology, Chemistry and Physics if you achieve Grade 6 or above. You will also be able to study for vocational courses and other Science related courses such as Veterinary nursing, P.E. and Leisure and Engineering. You will have 10 lessons a fortnight.

The Course is 100% Examination with no coursework or controlled assessment. Students sit 3 two hour examinations, one in Biology, one in Chemistry and one in Physics.

#### **What topics will I study?**

Examples of topics you will study in depth and detail will include:

##### **Biology**

1. The nature and variety of living organisms.
2. Structures and functions in living organisms.
3. Reproduction and inheritance.
4. Ecology and the environment.
5. Use of biological resources.

##### **Chemistry**

1. Principles of chemistry.
2. Chemistry of the elements.
3. Organic chemistry.
4. Physical chemistry.
5. Chemistry in industry.

##### **Physics**

1. Forces and motion.
2. Electricity.
3. Waves.
4. Energy resources and energy transfer.
5. Solids, liquids and gases.
6. Magnetism and electromagnetism.
7. Radioactivity and particles.

#### **What understanding and skills will I develop?**

During these units you will be taught how to look at evidence, how to debate and how to interpret information. You will learn how to research topics, present information and analyse and evaluate your work. You will also be able to express your ideas about Science and explore all aspects of How Science Works.

#### **How will I learn/how will I be taught?**

You will be taught by specialist teachers for each unit. Modules have a hands on aspect allowing students to do practical's, group work, paired work and research throughout the modules. Topics will be taught throughout year 10 and 11.

#### **How will I be assessed?**

The course is linear and assessment will be through end of course exams.

#### **What can this course lead on to?**

Learners can progress to GCE in Biology, Chemistry, Physics or Applied Science, relevant NVQ qualifications, or enter employment.

#### **Who do I need to contact for more information?**

Miss C North